

CLAIMS

1. A method for controlling processing of streaming media (C1) used in interpersonal communication services, sent from a second end system (B) over an
5 IP network, via a gateway system (S), over the IP network (102) to a first end system (A), by means of the gateway system (S) providing a service of streaming media processing said service being independent of the end user application control, the gateway system (S) comprising a gateway controller (202) having a Uniform Resource Identifier (URI) which is known to any potential service user, such that the gateway system (S) is available for external control by any potential service user, through the gateway controller (202), the method comprising the steps of:

10 – the second end system (B) *addressing* the gateway controller (202) in a first path, for the purpose of controlling the service by configuration and activation, by means of the known URI;

15 – *processing* the streaming media (C1) in a second path that is separate from the first path, in such a way that the data is processed and forwarded to the first end system (A) continuously without having received the complete media stream (C1) before starting the processing.

20 2. The method according to claim 1, wherein the first end system is the same as the second end system.

25 3. The method according to any of the claims 1-2, wherein the step of configuring the service is performed by sending a service request message from the first entity (A) to the gateway system (S).

4. The method according to claim 3, wherein the service request message comprises information about a type of service required.

30 5. The method according to claim 3, wherein the service request message includes information about the address to which the stream should be sent.

6. The method according to any of the claims 1-2, wherein the step of configuring the service is performed by sending a response message to the service request, from the gateway system (S) to the first entity (A).

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7. The method according to claim 6, wherein the response message includes address information of the inlet to the gateway (203).

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8. The method according to any of the claims 1-7, wherein the step of activating the service is performed by sending a service activation request message from the first entity (A) to the gateway system (S).

9. The method according to any of the claims 1-2, wherein the step of configuration and the step of activation is carried in the same request message.

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10. A computer program product directly loadable into the internal memory of a digital computer within an end system or terminal, gateway or gateway system in a multimedia communication system, comprising the software code portions for performing the steps of any of the claims 1-9, when said product is run on a computer.

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11. A computer program product stored on a computer usable medium, comprising readable program for causing a computer, within an end system or terminal, gateway or gateway system in a multimedia communication system, to control an execution of the steps of any of the claims 1-9.

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12. Communications system (101) for processing streaming media (C1) used in inter-personal communication services, including a first entity (A), a second entity (B) and a service providing gateway system (S) all being connected to an IP network (102) within the communications system (101), **characterised** in that

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the gateway system (S) is adapted to provide a service of streaming media processing, said service being independent of the end user application control, the first entity (A), the second entity (B) and the gateway system (S),
5 the gateway system (S) has means for processing a streaming media (C1), sent from the first entity (A) via the IP network (102) to the second entity (B), in such a way that the data is processed and forwarded to the first end system (A) continuously without having received the complete media stream (C1) before starting the processing
the gateway system (S) comprises a gateway controller (202) adapted to control
10 the service by configuration and activation, said controller having a Uniform Resource Identifier (URI) which is known to any potential service user, including the first entity (A), such that the gateway system (S) is available for control by any potential service user, through the gateway controller (202) .

15 13. The communications system (101) according to claim 12 **characterised** by the first entity (A) having means for configuring the service.

14. The communications system (101) according to claim 13 **characterised** by the first entity (A) having means for performing the configuration by sending a
20 service request message to the gateway system (S).

15. The communications system (101) according to claim 12 **characterised** by the gateway system (S) having means for sending a response message to the first entity (A)

25 16. The communications system (101) according to any of the claims 12-15 **characterised** by the first entity having means for activating the service.

17. The communications system (101) according to claim 16 **characterised** by the first entity (A) having means for sending an activating request message to the gateway system (S).
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18. The communications system (101) according to any of the claims 12-17 **characterised** by the gateway system (S) having means for processing the media stream.

5 19. Gateway system (201) connected to an IP network, the gateway system (201) offering a service of processing a media stream (C1) sent between end systems connected to the IP network, the gateway system (201) including a gateway (203) having means (204) for processing the media stream (C1) sent from a first end system via the IP network, the gateway system (201) further including a gateway controller (202) managing the gateway (203) and having a Uniform Resource Identifier (URI) **characterised** in that the gateway system (201) is known to any potential service user, including the first end system, via the URI of the gateway controller (202) and the gateway system (201) further has means for being configured by any of the potential service users.

15 20. Gateway system (201) according claim 19 **characterised** by the gateway controller (202) having means for performing the configuration by receiving a service request from the end system.

20 21. Gateway system (201) according claim 19 **characterised** by the gateway controller (202) having means for performing the configuration by sending a response message to the end system.

22. Gateway system (201) according claim 19 **characterised** by having means for activating the service.

25 23. Gateway system (201) according claim 22 **characterised** by the gateway controller (202) having means for performing the activation of the service by receiving a service activation request from the end system.